#### PATENT COOPERATION TREATY

RECID	1	8	MAY	2863
WIPO				PCT

PATENTO		•	WIPO	PCT
From the INTERNATIONAL SEARCHING AUTHORITY				\
NTERNATIONAL SEARCHING AUTHORITY  O:  Kolster Oy Ab  Iso Roobertinkatu 23  P.O. Box 148  FI-00121 Helsinki  Finland		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY  (PCT Rule 43bis.1)		
		Date of mailing (day/month/year)	.1	1 -05- 2005
Applicant's or agent's file reference		FOR FURTHER A	CTION See paragraph 2 bel	ow
2032757PC/or         International application No.       International formula formu		e (day/month/year)	Priority date (day/m 19-01-2004	
International Patent Classification (IPC) or both national H01H 71/02  Applicant ABB Oy et al.  1. This opinion contains indications relating to the following Box No. I Basis of the opinion  Box No. II Priority  Box No. III Non-establishment of opinion  Box No. IV Lack of unity of invention  Box No. V Reasoned statement under Reapplicability; citations and example applicability; citations and example Box No. VI Certain defects in the internal Box No. VIII Certain observations on the	lowing it n with re- ule 43bis xplanatio	gard to novelty, invents. I(a)(i) with regard to one supporting such states	novelty, inventive ste	
2. FURTHER ACTION  If a demand for international preliminary examinated International Preliminary Examining Authority ("Authority other than this one to be IPEA and the written opinions of this International Searching A If this opinion is, as provided above, considered to the appropriate appropriate."	chosen I	PEA has notified the I will not be so conside	nternational Bureau ur ered.	nvited to submit to the

3. For further details, see notes to Form PCT/ISA/220.

For further opinions, see Form PCT/ISA/220.

Name and mailing address of the ISA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM

Facsimile No. +46 8 667 72 88

Authorized officer

IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

Magnus Westöö/MN

Telephone No. +46 8 782 25 00

Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/FI 2005/000026

ox No. I	Basis of this opinior						
	d to the language, this cas filed, unless otherwis	e indicated under	mis item.				
Th		blished on the basinguage of a transl	in of a translatio	on from the orig	inal language in soft internation	nto the following al search (under	Rules 12.3
ane	, which is the la	Highage of a dails.				٠.	
With reca	rd to any nucleotide an	d/or amino acid s	se <b>quence d</b> isclo	osed in the intern	national applica	tion and necessa	ry to the
claimed ir	ivention, this opinion na	s been established	l on the basis of	f:			
a. type of	a sequence listing	•			•		
	table(s) related to the	sequence listing					
لبحيا	,,						
b. format	of material	•		•			•
	in written format					•	•
	in computer readabl	e iomi		•			
c. time	of filing/furnishing	,	-				
	contained in the inte	mational applicat	ion as filed.			•	•
	filed together with t				e form.	•	
3.	furnished subseque	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad	table relating the	nereto has be s identical to
3.	•	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad a filed, as appro	table relating the ditional copies is priate, were furn	ereto has be s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the ditional copies is priate, were furn	nereto has be s identical to ished.
	In addition, in the cas	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the ditional copies is priate, were furn	ereto has bed s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the ditional copies is priate, were furn	nereto has bed s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the ditional copies is priate, were furn	nereto has bed s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the ditional copies is priate, were furn	ereto has bed s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the ditional copies is priate, were furn	ereto has bed s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the	nereto has bed s identical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad filed, as appro	table relating the	nereto has been sidentical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad a sproy	table relating the ditional copies is priate, were furn	nereto has been sidentical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad a filed, as appro	table relating the	nereto has been sidentical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad a filed, as appro	table relating the	nereto has been sidentical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad a filed, as appro	table relating the ditional copies is priate, were furn	nereto has been sidentical to ished.
	In addition, in the cas filed or furnished, the that in the application	e that more than o	ne version or c	opy of a sequen	ce listing and/or ubsequent or ad a filed, as appro	priate, were furn	nereto has been sidentical to ished.

International application No.

PCT/FI 2005/000026

under Kule 43 as and explan	ations supporting such statement	
. Claims	1-11	YES
Claims	1-11	YES
	1-11	YE NO
	Claims Claims Claims Claims Claims Claims	Claims  Claims  Claims  Claims  Claims  1-11  Claims  1-11

2. Citations and explanations:

Documents cited in the International Search Report:

D1: FR 2787238 A1 D2: US 5298874 A

The cited documents represent the general state of the art.

The invention defined in claims 1-11 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed switching device module. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-11 is novel and is considered to involve an inventive step. The invention is industrially applicable.

#### PATENT COOPERATION TREATY

REC'D	1	8	MAY	ZUSO
WIPO		4.46		PCT

PATENT	OUPERATION TREAT	WIPO PCT
From the INTERNATIONAL SEARCHING AUTHORITY		
To:		PCT
Kolster Oy Ab		
Iso Roobertinkatu 23	WRITT	TEN OPINION OF THE
P.O. Box 148	INTERNATION	IAL SEARCHING AUTHORITY
FI-00121 Helsinki		PCT Rule 43bis.1)
Finland		
	Date of mailing (day/month/year)	1 1 -05- 2005
Applicant's or agent's file reference	FOR FURTHER AC	CTION See paragraph 2 below
2032757PC/or	. Gri Jan (dan/month/segr)	Priority date (day/month/year)
International application No.  PCT/FI 2005/000026 Internation  18-01-	al filing date (day/month/year) -2005	19-01-2004
International Patent Classification (IPC) or both national	onal classification and IPC	·
H01H 71/02		
Applicant ABB Oy et al	·	
1. This opinion contains indications relating to the	following items:	
Box No. I Basis of the opinion		
Box No. II Priority	•	
	nion with regard to novelty, inventi	ve step and industrial applicability
Box No. IV Lack of unity of invention	1 .	
	r Rule 43 bis. 1(a)(i) with regard to red explanations supporting such state	novelty, inventive step or industrial ement
Box No. VI Certain documents cited	G explanations of process	
Box No. VII Certain defects in the inte	ernational application	-
Box No. VIII Certain observations on t	he international application	
2. FURTHER ACTION		a considered to be a written opinion of the
If a demand for international preliminary exan International Preliminary Examining Authority Authority other than this one to be IPEA and the written opinions of this International Searching	he chosen IPEA has notified the Ing g Authority will not be so consider	ed.
If this opinion is, as provided above, consider IPEA a written reply together, where appropri of Form PCT/ISA/220 or before the expiration	iate, with amendments, before the end of 22 months from the priority da	expiration of 3 months from the date of maining
For further opinions, see Form PCT/ISA/220.	•	
3. For further details, see notes to Form PCT/IS.	A/220.	·
·		

Name and mailing address of the ISA/SE
Patent- och registreringsverket
Box 5055
S-102 42 STOCKHOLM

Facsimile No. +46 8 667 72 88

Authorized officer

Magnus Westöö/MN

Telephone No. +46 8 782 25 00

Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/FI 2005/000026

No. I Basis of this o	pinion					
With regard to the language which it was filed, unless of	herwise indicated under	fills from:				
This opinion has been which is	n established on the bas the language of a transl	is of a translation fation furnished for	rom the original la the purposes of in	inguage into the iternational sear	rch (under Ru	les 12.3
and 23.1(b)).			•			4
With regard to any nucleotic claimed invention, this opin	de and/or amino acid s	sequence disclosed to the basis of:	in the internations	al application a	nd necessary	to the
a. type of material			•			
a sequence list	ing					
<u></u>	to the sequence listing					
Lable(s) foliated					• •	•
b. format of material				•		
in written form	nat					
in computer re	adable form					
	•					
c. time of filing/furnishin	g	ion as filed	٠.			
	he international applicat		doblo form	·		
fled together		anlication in compl	Mel leadanie form	•		
	with the international ap					
furnished sub	sequently to this Author	ity for the purpose	s of search.	ing and/or table	e relating there	eto has bee lentical to
furnished sub		ne version or copy	of a sequence listi	ing and/or table	e relating there al copies is id , were furnish	eto has been lentical to ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id , were furnish	eto has bee lentical to ed.
furnished sub	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id , were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id , were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id , were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id , were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id , were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id, were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there all copies is id, were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id, were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table	relating there al copies is id, were furnish	eto has bee lentical to ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy	of a sequence listi	ing and/or table pent or addition as appropriate.	relating there all copies is id, were furnish	ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy	of a sequence listition in the subsequence oplication as filed,	ing and/or table pent or addition as appropriate.	, were furnish	ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy	of a sequence listition in the subsequence oplication as filed,	ing and/or table pent or addition as appropriate.	, were furnish	ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy	of a sequence listition in the subsequence oplication as filed,	ing and/or table pent or addition as appropriate.	, were furnish	ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy  its that the informa  ot go beyond the a	of a sequence listition in the subsequence oplication as filed,	ing and/or table pent or addition as appropriate,	, were furnish	ed.
In addition, in the filed or furnished that in the application.	sequently to this Author	ne version or copy  its that the informa  ot go beyond the a	of a sequence listition in the subsequence oplication as filed,	ing and/or table pent or addition as appropriate	, were furnish	ed.
In addition, in the filed or furnished that in the appli	sequently to this Author	ne version or copy  its that the informa  ot go beyond the a	of a sequence listition in the subsequence oplication as filed,	ing and/or table pent or addition as appropriate	, were furnish	ed.

International application No.

PCT/FI 2005/000026

under Rule 43 ns and explan	3bis.1(a)(i) with regard to novelty, inventive ations supporting such statement	e step of industrial
Claims	1-11	YES NO
Claims	1-11	YES
•	1-11	YES NO
	Claims Claims Claims Claims Claims Claims	Claims         1-11           Claims         1-11           Claims         1-11

2. Citations and explanations:

Documents cited in the International Search Report:

D1: FR 2787238 A1 D2: US 5298874 A

The cited documents represent the general state of the art.

The invention defined in claims 1-11 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed switching device module. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-11 is novel and is considered to involve an inventive step. The invention is industrially applicable.